

1818



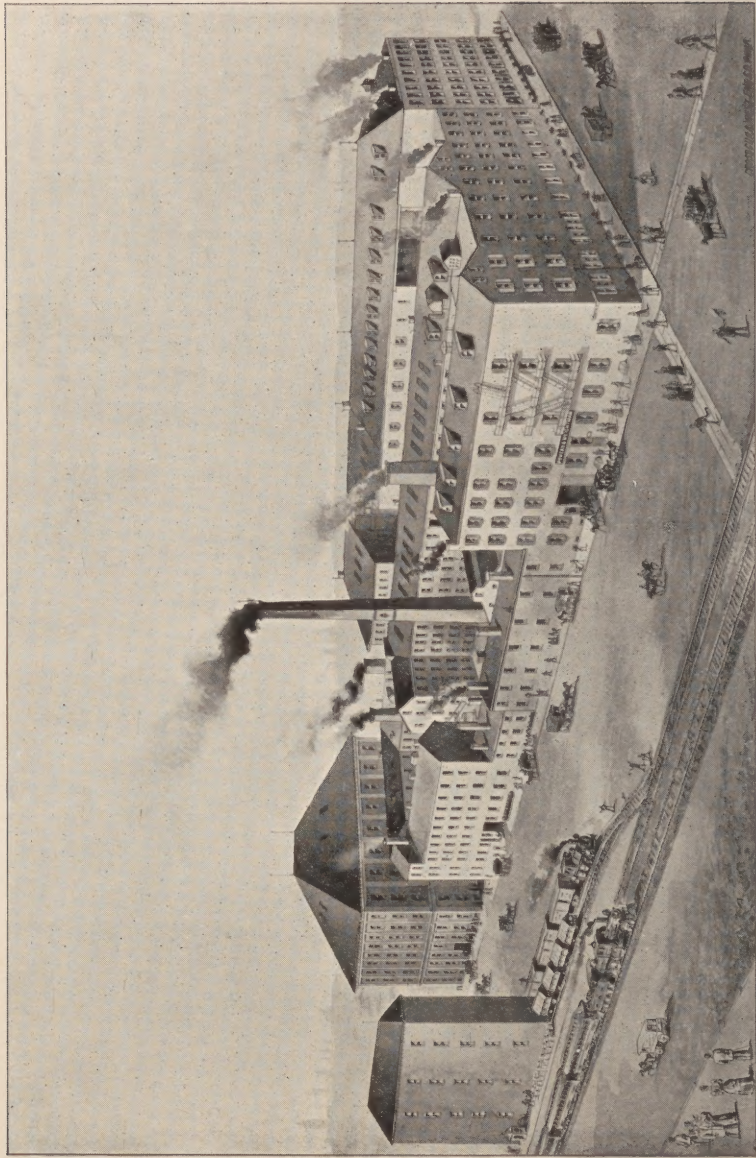
1893

NATIONAL LIBRARY OF MEDICINE
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William H. Helfand



Powers and Weightman



PRINCIPAL OFFICE AND LABORATORY, NINTH AND PARRISH STREETS, PHILADELPHIA

FOUNDED A. D. 1818

Powers and Weightman

Manufacturing Chemists

Philadelphia

New York

CATALOGUE

Powers and Weightman



NEW YORK OFFICE AND STOREHOUSE
56 Maiden Lane

Powers and Weightman

The Seventh Decennial Revision of the UNITED STATES PHARMACOPŒIA—official, from January 1st, 1894—has just been issued, and we have the pleasure of presenting a new edition of our CATALOGUE, revised in conformity therewith.

Our business as MANUFACTURING CHEMISTS is confined, as much as practicable, to the WHOLESALE DRUG TRADE, and others buying in similar quantities.

An APPENDIX, containing a short notice of the firm's exhibit at the Columbian Exposition, as also a brief historical sketch of the house, has been added.

Very respectfully, your friends,

POWERS & WEIGHTMAN.

October, 1893.

Powers and Weightman

EXPLANATION OF MARKS

c. v. 3, corked vial, three cents.

c. b. 10, corked bottle, ten cents.

g. s. v. 7, glass-stoppered vial, seven cents.

g. s. b. 22, glass-stoppered bottle, twenty-two cents.



Powers and Weightman

Catalogue

ACETANILID, lb. cartons incl., lb.
oz. cartons incl., oz.

ACETONE, c. b. 9, lb.

ACID, ACETIC, No. 8 (sp. gr. 1.040), c. b. 9, lb.

U. S. P. (sp. gr. 1.047), c. b. 9, lb.

This is 20 per cent. stronger than our No. 8.

60 per cent. (sp. gr. 1.067), c. b. 9, lb.

CHEM. PURE (sp. gr. 1.040), c. b. 9, lb.

GLACIAL (sp. gr. 1.075), g. s. b. 14, lb.
g. s. v. 7, oz.

BENZOIC (True) English, c. v. 5, oz.
oz. cartons incl., oz.
in 50-oz. boxes, oz.

CRYST., German, lb.

BORACIC, c. b. 9, lb.

POWDERED, c. b. 9, lb.

BUTYRIC, g. s. b. 14, lb.

CARBOLIC, CRYST. { 1 lb. bott. incl., lb.
Put up by P. & W. { 1 oz. vials incl., oz.
 { 1 lb. cans incl., lb.

We supply Carbolic Acid, Cryst., in bulk in cans.

Powers and Weightman

ACID, CARBOLIC, CRYST., Calvert's No. 1, 1 lb.
bott. incl., lb.

Calvert's No. 2, 1 lb. bott. incl., lb.
1 oz. vials incl. oz.

Synthetic, 1 lb. bott. incl., lb.
 $\frac{1}{2}$ lb. bott. incl., lb.
 $\frac{1}{4}$ lb. bott. incl., lb.
1 oz. vials incl., oz.

LIQUID
Put up by P. & W. $\left\{ \begin{array}{l} 1 \text{ lb. bott. incl., lb.} \\ 5 \text{ lb. bott. incl., lb.} \\ 1 \text{ lb. cans incl., lb.} \end{array} \right.$

Calvert's No. 4, 1 lb. bott. incl., lb.
6 lb. bott. incl., lb.

Calvert's No. 5, 1 lb. bott. incl., lb.
6 lb. bott. incl., lb.

CHROMIC, g. s. v. 7, oz.

CHRY SOPHANIC, (see Chrysarobin), vials,
incl., oz.

CITRIC, c. b. 9, lb.
in 112 lb kegs, lb.
in barrels, lbs.

GRANULAR, c. b. 9, lb.
This article keeps better than the crystal as it contains
less water of crystallization.

POWDERED, lb.

Powers and Weightman

ACID, GALLIC, GERMAN, vials incl., oz.

oz. cartons incl., oz.

lb. box 3, lb.

Also in 1 lb., $\frac{1}{2}$ lb. and $\frac{1}{4}$ lb. cartons.

HYDROBROMIC, DILUTED, U. S. P.

c. b. 9, lb.

c. v. 4, oz.

HYDROCYANIC, DILUTED, U. S. P.

g. s. v. 7, oz.

g. s. b. 15, lb.

HYPOPHOSPHOROUS, DILUTED

g. s. b. 14, lb.

g. s. v. 7, oz.

LACTIC, c. b. 9, lb.

c. v. 4, oz.

DILUTED, c. b. 9, lb.

c. v. 4, oz.

MURIATIC, (HYDROCHLORIC), CHEM. PURE

g. s. b. 14, lb.

COMMERCIAL, in carboys, lb.

PALE, in carboys, lb.

NITRIC, CHEM. PURE, g. s. b. 14, lb.

10 carboys or more, $\frac{1}{4}$ c per lb. less.	{	36°, in carboys, $\frac{1}{2}$ gal. g. s. b. 22, lb.
		38°, in carboys, $\frac{1}{2}$ gal. g. s. b. 22, lb.
		40°, in carboys, $\frac{1}{2}$ gal. g. s. b. 22, lb.
		41°, in carboys, $\frac{1}{2}$ gal. g. s. b. 22, lb.
		42°, in carboys, $\frac{1}{2}$ gal. g. s. b. 22, lb.
		43°, in carboys, $\frac{1}{2}$ gal. g. s. b. 22, lb.
		PARTING, in carboys, g. s. b. 22, lb.

When Nitric Acid simply is ordered, we send 38°. In bottles, one cent per pound extra is charged.

Powers and Weightman

ACID, NITROUS, FUMING, $\frac{1}{2}$ gal. g. s. b. 22, lb.

PHOSPHORIC, GLACIAL, STICKS, c. b. 9, lb.
c. v. 4, oz.

U. S. P. (1880), c. b. 9, lb.

DILUTED, U. S. P., c. b. 9, lb.

SYRUPY, U. S. P. (1890), g. s. b. 14, lb.

PYROGALLIC, vials incl., oz.
oz. can incl., oz.
lb. can incl., lb.

Also in bulk, and in $\frac{1}{2}$ lb. and $\frac{1}{4}$ lb. cans.

SALICYLIC, bulk, lb.
lb. boxes incl., lb.
oz. boxes incl., lb.

SUCCINIC, c. v. 4, oz.

SULPHURIC, CHEM. PURE, g. s. b. 14, lb.

CHEM. PURE, DISTILLED, g. s. b. 14, lb.

OIL OF VITRIOL, in carboys, lb.

SULPHUROUS, g. s. b. 15, lb.

TANNIC, lb. box 5, lb.
Also in 1 lb., $\frac{1}{2}$ lb. and $\frac{1}{4}$ lb. cartons.
oz. vials, vials incl., oz.

oz. cartons, cartons incl., oz.
for the arts, lb.

TARTARIC, POWDERED, in 50 lb. boxes, lb.
in barrels, lb.

Powers and Weightman

ACID, TARTARIC, CRYSTALS, in 50 lb. boxes,
lb. in barrels, lb.

GRANULAR, in 50 lb. boxes, lb.
in barrels, lb.

VALERIANIC, g. s. v. and tin case 10, oz.

ACONITINE, $\frac{1}{8}$ oz. vials, vials incl., $\frac{1}{8}$ oz.

ALOID, c. v. 4, oz.

ALUM, in barrels, lb.

GROUND, in barrels, lb.

POWDERED, in barrels, lb.

DRIED, POWDERED, c. b. 9, lb.

CHROME, c. b. 9, lb.

AMMONIO-FERRIC, (FERRIC AMMONIUM
SULPHATE), c. b. 9, lb.

c. v. 4, oz.

AMMONIA, WATER, U. S. P., 16°, in carboys, lb.
sp. gr. .960, c. b. 9, g. s. b. 15.

20°, in carboys, c. b. 9, g. s. b. 15, lb.

This article we sold for many years as "F. F. F."

STRONGER, U. S. P., g. s. b. 15, lb.
sp. gr. .900.

AMMONIUM, ACETATE, CRYSTALS, c. b. 9, lb.

ARSENIATE, c. v. 4, oz.

BENZOATE, c. v. 4, oz.

BROMIDE, c. b. 9, lb.
c. v. 4, oz.

Powers and Weightman

AMMONIUM, CHLORIDE, POWDERED, lb.

MEDICINAL, GRANULAR, lb.

COMMERCIAL, GRANULAR, lb.

CITRATE, c. v. 4, oz.

HYDROSULPHURET, g. s. b. 15, lb.

HYPOPHOSPHITE, c. b. 10, lb.

c. v. 4, oz.

IODIDE, g. s. v. 7, oz.

NITRATE, CRYSTALS, c. b. 12, lb.

FUSED, c. b. 9, lb.

GRANULAR, c. b. 9, lb.

OXALATE, c. b. 10, lb.

PICRATE, c. v. 4, oz.

PHOSPHATE, c. b. 9, lb.

SALICYLATE, c. v. 4, oz.

SULPHATE, (in casks), lb.

CHEM. PURE, c. b. 9, lb.

SULPHOCARBOLATE, c. v. 4, oz.

SULPHOCYANIDE, PURIFIED, c. b. 9, lb.

c. v. 4, oz.

VALERIANATE, CRYSTALS, c. v. 4, oz.

c. b. 10, lb.

AMYGDALIN, $\frac{1}{8}$ oz. vials, 8 vials 24, oz.

Powers and Weightman

AMYL, ACETATE, c. b. 9, lb.

NITRITE, c. v. 4, oz.

VALERIANATE, c. b. 9, lb.

ANTIMONY, CHLORIDE, CRYST., g. s. v. 7, oz.
g. s. b. 15, lb.

SOLUTION, (Butter Antim.), g. s. b. 14, lb.

DIAPHORETIC, c. b. 9, lb.

OXIDE, WHITE, lb.

SULPHURATED, (PRECIP. SULPHURET)
c. b. 10, lb.
(for India Rubber), lb.

APIOL, c. v. 4, oz.

APOMORPHINE, MURIATE, (HYDROCHLORATE),
AMORPH., $\frac{1}{8}$ oz. vials, vials incl., oz.

CRYSTALS, $\frac{1}{8}$ oz. vials, vials incl., oz.

AQUA FORTIS, 36°, in carboys, $\frac{1}{2}$ gal., g. s. b. 22, lb.
10 carboys { 38°, in carboys, lb.
or more, { 40°, in carboys, lb.
 $\frac{1}{4}$ c. less. { 43°, in carboys, lb.
When Aqua Fortis simply is ordered, we send 36°.

ARSENIC, SOLUTION, (SOLUTION OF POTASSIUM
ARSENITE), (FOWLER'S), c. b. 9, lb.

BROMIDE, g. s. v. 7, oz.

SOLUTION, c. b. 9, lb.

IODIDE, g. s. v. 7, oz.

AND MERCURIC, IOD. SOL., (DONOVAN'S),
c. b. 9, lb.

Powers and Weightman

ASPARAGIN, $\frac{1}{8}$ oz. vials, vials incl., oz.

ATROPINE, $\frac{1}{8}$ oz. vials, vials incl., oz.

SULPHATE, $\frac{1}{8}$ oz. vials, vials incl., oz.

VALERIANATE, $\frac{1}{8}$ oz. vials, vials incl., oz.

BARK, CALISAYA, (EAST INDIA), lb.

1 lb., 5 lb. and 10 lb. boxes.

GROUND, (No. 40), lb.

1 lb., 5 lb. and 10 lb. cans.

POWDERED, c. b. 12, lb.

1 lb., 5 lb. and 10 lb. cans.

Containing over 2 per cent. Alkaloid Quinine, U. S. P.

RED, (EAST INDIA), lb.

1 lb., 5 lb. and 10 lb. boxes.

GROUND, (No. 40), lb.

1 lb., 5 lb. and 10 lb. cans.

POWDERED, c. b. 12, lb.

1 lb., 5 lb. and 10 lb. cans.

Containing over 2 per cent. Alkaloid Quinine, U. S. P.

BARIUM, ACETATE, c. v. 4, oz.

CARBONATE, c. b. 9, lb.

CHLORIDE, RECRYSTALLIZED, c. b. 8, lb.

NITRATE, c. b. 8, lb.

POWDERED, c. b. 8, lb.

OXIDE, (BARYTA, PURE) c. v. 4, oz.

SULPHIDE, c. b. 9, lb.

Powers and Weightman

BEBEERINE, PURE, c. v. 4, oz.

SULPHATE, c. v. 4, oz.

BISMUTH, lb.

CITRATE, c. v. 4, oz.

AND AMMONIUM, CITRATE, c. b. 9, lb.

c. v. 4, oz.

SOLUTION, c. b. 9, lb.

NITRATE, CRYSTALS, c. v. 4, oz.

OXIDE, HYDRATED, c. b. 8, lb.

OXYCHLORIDE, c. b. 8, lb.

SALICYLATE, c. b. 9, lb.

c. v. 4, oz.

SUB-BENZOATE, c. v. 4, oz.

c. b. 9, lb.

SUBCARBONATE, c. b. 10, lb.

SUBGALLATE, c. b. 12, lb.

c. v. 4, oz.

SUBIODIDE, c. b. 9, lb.

c. v. 4, oz.

SUBNITRATE, c. b. 8, lb.

TANNATE, c. v. 4, oz.

VALERIANATE, $\frac{1}{8}$ oz. vials, 8 vials 24, oz.

BLACK DROP, c. b. 9, lb.

BLUE PILL, (MASS OF MERCURY), in bulk and
in lb. jars, jar 12, lb.

POWDERED, c. b. 9, lb.

Powers and Weightman

BLUE VITRIOL, in casks and barrels, lb.

POWDERED, lb.

BROMINE, lb. g. s. b. and tin case 18, lb.
oz. g. s. v. and tin case 10, oz.

BRUCINE, $\frac{1}{8}$ oz. vials, 8 vials 24, oz.

SULPHATE, $\frac{1}{8}$ oz. vials, 8 vials 24, oz.

CADMIUM, lb.

BROMIDE, c. v. 4, oz.

IODIDE, c. v. 4, oz.

SULPHATE, c. v. 4, oz.

CAFFEINE, $\frac{1}{8}$ oz. vials, vials incl., oz.

BROMIDE, $\frac{1}{8}$ oz. vials, vials incl., oz.

CITRATED, $\frac{1}{8}$ oz. vials, vials incl., oz.

SULPHATE, $\frac{1}{8}$ oz. vials, vials incl., oz.

VALERIANATE, $\frac{1}{8}$ oz. vials, vials incl., oz.

CALCIUM, BENZOATE, c. v. 4, oz.

BROMIDE, g. s. v. 7, oz.
c. b. 9, lb.

CARBONATE, PRECIP., c. b. 10, lb.

CHLORIDE, c. b. 9, lb.

HYPOPHOSPHITE, c. b. 9, lb.
c. v. 4, oz.

AND SODIUM, HYPOPHOSPH., c. b. 9, lb.
c. v. 4, oz.

Powers and Weightman

CALCIUM, IODIDE, g. s. v. 7, oz.

LACTOPHOSPH., SOLUBLE, c. v. 4, oz.

PHOSPHATE, PRECIP., c. b. 12, lb.

SALICYLATE, c. v. 4, oz.

SULPHITE, c. b. 9, lb.

5 oz. botts. incl., doz.

5 oz. cartons incl., doz.

SULPHOCARBOLATE, c. v. 4, oz.

SULPHIDE, c. b. 9, lb.

c. v. 4, oz.

CALOMEL, (MILD MERCUROUS CHLORIDE),

25 lb. boxes, lb.

c. b. 6, lb.

CAMPHOR, MONOBROMATED, c. v. 4, oz.

CARBON, BISULPHIDE, (DISULPHIDE,	} lb.
U. S. P., 1890), c. b. 8,	
1 lb. cans 5,	
1/2 gal. cans (6 lb.) 10,	
Please specify cans or bottles, in ordering.	
c. v. 4, oz.	

CERIUM, NITRATE, g. s. v. 7, oz.

OXALATE, c. v. 4, oz.

CHINOIDIN, PURIFIED, lb. rolls and in cans, lb.

oz. rolls, (in 50 oz. boxes), oz.

Powers and Weightman

CHLORAL, HYDRAT., (CHLORAL), (SCHERING'S),
lb. g. s. b. incl., lb.

“ oz. g. s. v. incl., lb.

“ Cryst. lb. g. s. b. incl., lb.

“ oz. g. s. v. incl., lb.

CROTON, oz. c. v. incl., oz.

CHLOROFORM, c. b. 8, g. s. b. 12, lb.

PURIFIED, c. b. 8, g. s. b. 12, lb.

CHROMIUM, CHLORIDE, SOLUTION, c. v. 4, oz.

CHRYSAROBIN, (see Acid Chrysophanic),
vials incl., oz.

CINCHONINE, PURE, ALK., vials incl., oz.
oz. paper boxes incl., oz.

CINCHONINE, MIXTURE, 3 oz. paper boxes, box.

MURIATE, 1 oz. c. v. incl., oz.

SULPHATE, 1 oz. c. v. incl., oz.
oz. cartons incl., oz.

BISULPHATE, 1 oz. c. v. incl., oz.

SALICYLATE, 1 oz. c. v. incl., oz.

CINCHONIDINE, SULPHATE, oz. vials incl., oz.

1 oz. cans incl., oz.

5 oz. cans incl., oz.

50 oz. cans incl., oz.

100 oz. cans incl., oz.

BISULPHATE, 1 oz. c. v. incl., oz.

MURIATE, 1 oz. c. v. incl., oz.

Powers and Weightman

CINCHONIDINE, PURE, ALKALOID, 1 oz. c. v.
incl., oz.

SALICYLATE, 1 oz. c. v. incl., oz.

CINNABAR, 1b.

CITRINE OINTMENT, (OINTMENT OF
MERCURIC NITRATE), jar 14, 1b.

COCAINE, HYDROCHLORATE, (MURIATE).

CRYSTALS, vials incl., oz.

CODEINE, $\frac{1}{8}$ oz. vials, vials incl., oz.

MURIATE, $\frac{1}{8}$ oz. vials, vials incl., oz.

NITRATE, $\frac{1}{8}$ oz. vials, vials incl., oz.

PHOSPHATE, $\frac{1}{8}$ oz. vials, vials incl., oz.

SULPHATE, $\frac{1}{8}$ oz. vials, vials incl., oz.

COLLODION, c. b. 10, 1b.

c. v. in box incl., doz.

CANTHARIDAL, c. b. 10, 1b.

c. v. in box incl., doz.

FLEXIBLE, c. b. 10, 1b.

c. v. in box incl., doz.

COPPER, AMMONIATED, c. b. 9, 1b.

ARSENIATE, c. v. 4, oz.

ARSENITE, c. v. 4, oz.

CARBONATE, c. b. 9, 1b.

CHLORIDE, c. b. 9, 1b.

CYANIDE, c. v. 4, oz.

Powers and Weightman

COPPER, IODIDE, c. v. 4, oz.

NITRATE, c. b. 9, lb.

OXIDE, BLACK, c. b. 8, lb.

c. v. 3, oz.

RED, lb.

SULPHATE, PURIFIED, c. b. 9, lb.

GRAN., c. b. 9, lb.

CHEM. PURE, c. b. 9, lb.

COPPERAS, in barrels, lb.

CORROSIVE, SUBLIMATE, (CORROSIVE MERCURIC CHLORIDE), 25 lb. boxes, lb.

POWDERED, lb.

COTOIN, $\frac{1}{8}$ oz. vials, vials incl., oz.

CREAM TARTAR, POWD., (in bbls.) lb.

CREOSOTE, COMMERCIAL, c. b. incl., lb.

c. v. 4, oz.

FROM WOOD, c. b. 9, lb.

CROCUS MARTIS, lb.

METALLORUM, POWDERED, lb.

CUBEBIN, $\frac{1}{8}$ oz. vials, 8 vials 24, oz.

DELPHININE, $\frac{1}{8}$ oz. vials, c. v. 3, $\frac{1}{8}$ oz.

DEXTRIN, c. b. 9, lb.

DIGITALIN, PURE, $\frac{1}{8}$ oz. vials, vials incl., oz.

DOVER'S POWDER, U. S. P., c. b. 10, lb.

Powers and Weightman

ELATERIUM, 1 oz. c. v. incl., oz.

EMETINE, $\frac{1}{4}$ oz. vials, 4 vials 12, oz.

EPSOM SALT, in barrels, lb.

ERGOTIN, 1 oz. c. v. 4, oz.

ESERINE, SULPHATE, 1 gramme tubes incl.,
gramme.

5 grain tubes incl., grain.

ETHER, ACETIC, c. b. 9, lb.

BUTYRACEOUS, c. b. 9, lb.

BUTYRIC, c. b. 9, lb.

CHLORIC, (SP. CHLOROF., U. S. P.), c. b. 9, lb.

CONCENTRATED, c. b. 9, lb.

SPT. NITR., U. S. P., carb., g. s. 15, c. b. 9, lb.

SULPHURIC, U. S. P. (1880), carb'ys, c. b. 10, lb.

WASHED (LETHEON), c. b. 10, lb.

STRONGER, U. S. P. (1890), c. b. 10, lb.

In cans—5 lb. 12c., 3 lb. 10c., 2 lb. 9c.

1 lb. 7c., $\frac{1}{2}$ lb. 6c., $\frac{1}{4}$ lb. 5c.

Please specify cans or bottles, in ordering.

ETHYL, BROMIDE, c. v. 4, oz.

IODIDE, c. v. 4, oz.

EXTRACT CINCHONA, PRECIPITATED, } 1b.
1 lb. can 5c., $\frac{1}{2}$ lb. jar 7c., $\frac{1}{4}$ lb. jar 5c. }
jar 3, oz.

NUX VOMICA, U. S. P., jar 7. oz.

OPIUM, jar 7, oz.

Powers and Weightman

GLAUBER'S SALT, MEDICINAL, in barrels, 1b.

FOR MANUFACTURING, in barrels, 1b.

GLYCERIN, PURE, (BOWER'S), c. b. incl. 1b.
50 lbs. or more, 1b.

CONCENTRATED, c. b. 8, 1b.
in 50 lb. patent cans, cans incl., 1b.
in 50 lb. trade cans, cans incl., 1b.

GOLD, BROMIDE, 15 grain g. s. v., vials incl., vial.

CHLORIDE, 15 grain c. v., vials incl., doz.
15 grain g. s. v., vials incl., doz.
30 grain c. v., vials incl., doz.
30 grain g. s. v., vials incl., doz.
 $\frac{1}{8}$ oz. vials, vials incl., oz.
Unless otherwise specified we send in c. v.

AND SODIUM, CHLOR., 15 grain c. v.,
vials incl., doz.
30 grain c. v., vials incl., doz.

Each 30-grain vial contains 15 grains pure Chloride of Gold.
The addition of an equal weight of Chloride Sodium
makes a more permanent salt without interfering at
all with its chemical action, and is decidedly preferred
by many to Chloride Gold alone.

$\frac{1}{8}$ oz. vials, vials incl., oz.

OXIDE, 15 grain vials, vials incl., doz.
 $\frac{1}{8}$ oz. vials, vials incl., oz.

GRANVILLE'S LOTION, g. s. b. 15, 1b.

HOFFMANN'S ANODYNE, c. b. 9, 1b.

The medicinal article, as sold by us for many years,
containing Light Oil of Wine.

HOFFMANN'S ANODYNE, U. S. P., c. b. 9, 1b.

Powers and Weightman

HYDROGEN, PEROXIDE, (SOLUTION OF HYDROGEN DIOXIDE), c. b. incl., lb.

IODINE, CRUDE, g. s. b. 13, lb.

RESUBLIMED, g. s. b. 13, lb.
g. s. v. 7, oz.

BROMIDE, oz. g. s. v. and tin case 10, oz.

SOLUTION, 15 per ct. oz. g. s. v. and
tin case 10, oz.

CHLORIDE, oz. g. s. v. and tin case 10, oz.

IODOFORM, CRYST. AND POWDERED, c. b. 9, lb.
c. v. 4, oz.

IRON, ACETATE, c. v. 4, oz.

ALCOHOLIZED, (LIMATURA), c. b. 6, lb.

AMMONIATED, (FLORES MARTIALES), } lb.
c. b. 9,

ARSENIATE, c. v. 4, oz.

BROMIDE, g. s. v. 7, oz.

CARB. DROPS, (RUBIGO FERRI), lb.

CARB. PRECIP., c. b. 10, lb.
50 lb. boxes, lb.

PROTO, (MASS OF FERROUS CARBONATE), (VALLET'S MASS), bulk, lb.

lb. jar 12c., $\frac{1}{2}$ lb. jar 7c., $\frac{1}{4}$ lb. jar 5c.

Powers and Weightman

IRON, CITRATE, (FERRIC CITRATE), c. b. 10, lb.
c. v. 4, oz.

CITRATE, (SOLUBLE) c. b. 10, lb.

AND AMMONIUM, CITRATE, c. b. 10, lb.
c. v. 4, oz.

AND CINCHONIDINE, CITRATE, c. b. 10, lb.
c. v. 4, oz.

AND MAGNESIUM, CITRATE, c. v. 4, oz.

CHLORIDE, (FERRIC CHLORIDE), c. b. 9, lb.
g. s. v. 7, oz.

SOLUTION, (for making Tincture) } pint.
c. b. 9,

TINCT., (in carboys), c. b. 9, lb.

FERROCYANIDE, c. b. 12, lb.
c. v. 4, oz.

HYDR. OXIDE, (FERRIC HYDRATE), (Ant.
for Arsenic), c. b. 9, lb.

HYPOPHOSPHITE, (FERRIC HYPOPHOS-
PHITE), c. b. 9, lb.
c. v. 4, oz.

IODIDE, g. s. v. 7, oz.

SYRUP, U. S. P., (SYRUP OF FERROUS
IODIDE), c. b. 8, g. s. b. 14, lb.
Unless otherwise specified we send in c. b.

LACTATE, (FERROUS LACTATE), c. v. 4, oz.

LACTOPHOSPHATE, c. v. 4, oz.

Powers and Weightman

IRON, NITRATE, (in carboys,) g. s. b. 14, lb.

SOLUTION, U. S. P., (SOLUTION OF FERRIC NITRATE), c. b. 9, lb.

OXALATE, c. v. 4, oz.

OXIDE, BLACK, c. b. 9, lb.

PHOSPHATE, PRECIP., c. b. 12, lb.

SCALES, U. S. P., (SOLUBLE FERRIC PHOSPHATE), c. b. 12, lb.
c. v. 4, oz.

PYROPHOSPHATE, SCALES, (SOLUBLE FERRIC PYROPHOSPHATE), c. b. 10, lb.
c. v. 4, oz.

REDUCED, GRAY, c. b. 8, lb.
c. v. 4, oz.

SALICYLATE, c. v. 4, oz.

SULPHATE, CRYSTALS, (FERROUS SULPHATE), c. b. 8, lb.
in barrels, lb.

DRIED, c. b. 9, lb.

PURIFIED, GRANULAR, c. b. 9, lb.

SUBSULPH., (MONSEL'S POWD.), c. b. 9, lb.
c. v. 4, oz

SOL'N, U. S. P., (MONSEL'S), (SOLUTION OF FERRIC SUBSULPHATE), c. b. 9, lb.

AND AMMON., PROTOSULPH., c. b. 9, lb.

Powers and Weightman

IRON, SULPHOCARBOLATE, c. v. 4, oz.

SULPHURET, c. b. 8, lb.

TANNATE, c. v. 4, oz.

AND AMMONIUM, TARTRATE, c. b. 10, lb.
c. v. 4, oz.

AND POTASSIUM, TART., POWD., c. b. 9, lb.

SCALES, c. b. 10, lb.

c. v. 4, oz.

TERSULPH., SOL'N, U. S. P., (SOLUTION OF
FERRIC SULPHATE), c. b. 9, lb.

VALERIANATE, (FERRIC VALERIANATE),
c. v. 4, oz.

$\frac{1}{4}$ oz. and $\frac{1}{8}$ oz. c. v. 3, oz.

KERMES MINERAL, (SULPHURATED ANTI-
MONY), c. b. 10, lb

LACTUCARIUM, c. b. 10, lb.

c. v. 4, oz.

LEAD, ACETATE, PURIFIED, c. b. 9, lb.

GRANULAR, c. b. 9, lb.

CHLORIDE, c. v. 4, oz.

IODIDE, c. v. 3, oz.

NITRATE, c. b. 6, lb.

SUBACET. SOLUTION, (GOULARD'S }
EXTRACT), c. b. 8, } lb.

TANNATE, c. v. 4, oz.

Powers and Weightman

LITHIUM, BENZOATE, c. v. 4, oz.

BROMIDE, g. s. v. 7, oz.

CARBONATE, c. v. 4, oz.

CITRATE, c. v. 4, oz.

IODIDE, g. s. v. 7, oz.

SALICYLATE, c. v. 4, oz.

LUNAR CAUSTIC, PURE, 4 oz. vials and }
under 4, 8 oz. vials 6, lb. c. b. 9, } oz.

No. 2, (67 per ct. Nit. Silver), lb. c. b. 9, oz.

No. 3, (50 per ct. Nit. Silver), lb. c. b. 9, oz.

(Diluted Nit. Silver, U. S. P., 1880)

IN CONES, 5 per ct. Chlor. Silver, c. v. 4, oz.

Please specify crystals or Lunar Caustic, in ordering.

When Nitrate Silver is ordered we send crystals.

MAGNESIA, HEAVY, CALCINED,

in bulk, c. b. 10, }
1 lb. 5 lb. and 10 lb. cans, extra, } lb.

Square botts., 12 in. box, incl., doz.

Square botts. 12 in. box, incl., gross

MAGNESIUM, BENZOATE, c. v. 4, oz.

BROMIDE, g. s. v. 7, oz.

CHLORIDE, FUSED, c. b. 10, lb.

HYPOPHOSPHITE, c. b. 9, lb.

c. v. 4, oz.

IODIDE, g. s. v. 7, oz.

Powers and Weightman

MAGNESIUM, NITRATE, c. b. 9, lb.

c. v. 4, oz.

PHOSPHATE, c. v. 4, oz.

SALICYLATE, c. v. 4, oz.

SULPHITE, c. b. 9, lb.

MANGANESE, BLACK OXIDE, (DIOXIDE), lb.

BROMIDE, g. s. v. 7, oz.

CARBONATE, c. v. 4, oz.

HYPOPHOSPHITE, c. v. 4, oz.

IODIDE, g. s. v. 7, oz.

PHOSPHATE, c. v. 4, oz.

SULPHATE, c. v. 4, oz.

c. b. 9, lb.

MECONIN, $\frac{1}{8}$ oz. vials, 8 vials 24, oz.

MERCURY, lb.

in flasks, lb.

DISTILLED, lb.

BISULPHATE, c. b. 6, lb.

BROMIDE, PROTO, c. v. 3, oz.

CYANIDE, (MERCURIC CYANIDE), c. v. 3, oz.

IODIDE, GREEN, (GREEN MERCUROUS

IODIDE), c. v. 3, oz.

Powers and Weightman

MERCURY, IODIDE, RED, (RED MERCURIC IODIDE), c. v. 3, oz.

YELLOW, (YELLOW MERCUROUS IODIDE), c. v. 4, oz.

NITRATE, SOLUTION, (SOLUTION OF MERCURIC NITRATE), g. s. v. 7, oz.

OXIDE, BLACK, c. v. 3, oz.

YELLOW, (YELLOW MERCURIC OXIDE), c. v. 3, oz.

SALICYLATE, c. v. 4, oz.

SULPHATE, YELLOW, (YELLOW MERCURIC SUBSULPHATE),
(TURPETH MINERAL), c. b. 6, } 1b.

SULPHURET, BLACK, (ETHIOPS)
MINERAL), c. b. 8, } 1b.

WITH CHALK, (HYDRARG. CUM
CRETA), c. b. 8, } 1b.

MERCURIAL OINTMENT, One-half }
Mercury, 1 lb. can 5, jar 12, } 1b.

One-third Mercury, 1 lb. can 5, jar 14, 1b.

MORPHINE, SULPHATE, 1 oz. vials incl., oz.
1 oz. cans incl., oz.

SULPHATE, $\frac{1}{8}$ oz. v. and $2\frac{1}{2}$ oz. box incl. oz.

SULPHATE, $\frac{1}{8}$ oz. vials,
ACETATE, $\frac{1}{8}$ oz. vials,
MURIATE, (HYDROCHLORATE),
 $\frac{1}{8}$ oz. vials, } VIALS
AND BOX
INCL., oz.

Powers and Weightman

MORPHINE, BIMECONATE, $\frac{1}{8}$ oz. vials, vials incl., oz.

SOLUTION, c. b. 9, lb.

This solution is about the strength of Laudanum, U. S. P., and is by many preferred to it.

BROMIDE, $\frac{1}{8}$ oz. vials, vials incl., oz.

PURE ALKALOID, $\frac{1}{8}$ oz. vials, vials incl., oz.

TARTRATE, $\frac{1}{8}$ oz. vials, vials incl., oz.

VALERIANATE, $\frac{1}{8}$ oz. vials, vials incl., oz.

NARCEINE, $\frac{1}{8}$ oz. vials, vials incl., oz.

NARCOTINE, $\frac{1}{8}$ oz. vials, vials incl., oz.

NICKEL, BROMIDE, g. s. v. 7, oz.

OIL OF CLOVES, c. b. 9, 5 lb. c. b. 16, lb.

COPAIBA, c. b. 10, lb.

CROTON, c. b. 9, lb.

CUBEB, c. b. 10, lb.

ERGOT, c. v. 4, oz.

PIMENTA, c. b. 9, lb.

c. v. 4, oz.

TOBACCO, c. v. 4, oz.

WINE, HEAVY, c. b. 9, lb.

LIGHT, c. b. 9, lb.

OPIUM POWDERED, U. S. P., c. b. 10, lb.

1b. can 8c., $\frac{1}{2}$ lb. 6c., $\frac{1}{4}$ lb. 5c.

DENARCOTIZED, (DEODORIZED, U. S. P., 1890), c. b. 10, lb.

Powers and Weightman

PILOCARPINE, PURE, 5, 10 and 15 gr. vials, grain

MURIATE, CRYST., 5, 10 and 15 gr. vials,
grain.

PIPERIN, c. v. 4, oz.

POTASSA, CAUSTIC, COMMON, c. b. 9, lb.

WHITE, c. b. 9, lb.

WITH LIME, U. S. P., (POTASSA CUM) } lb.
CALCE), c. b. 9, . . . }

SOLUTION (LIQUOR POTASSÆ), g. s. b. 15, lb.

POTASSIUM, $\frac{1}{4}$ oz. vials, g. s. v. and case, 10, oz.

ACETATE, bott. incl., lb.

PURIFIED, c. b. 9, lb.

ARSENIATE, CRYSTALS, c. b. 4, oz.

ARSENITE, c. v. 4, oz.

BICARBONATE, CRYSTALS, c. b. 9, lb.

GRANULAR, c. b. 9, lb.

POWDERED, c. b. 9, lb.

BICHROMATE, lb.

BORO-TARTRATE, (SOLUBLE CREAM) } lb.
OF TARTAR), c. b. 9, . . . }

BROMIDE, CRYST. OR GRAN., bulk, lb.

5 lb. boxes incl., lb.

1 lb. boxes incl., lb.

In 25 lb., 50 lb. and 100 lb. cases.

1 lb. bott. incl., lb.

c. v. 4, oz.

Powers and Weightman

POTASSIUM, CARBONATE, (SAL TARTAR,)
c. b. 9, lb.

CHLORATE, c. b. 9, lb.
in 112 lb. kegs, lb.

POWDERED, c. b. 9, lb.
in 112 lb. kegs, lb.

GRANULAR, c. b. 9, lb.

CHLORIDE, c. b. 9, lb.

CHROMATE, c. b. 9, lb.

CITRATE, c. b. 9, lb.

CYANIDE, FUSED, c. b. 9, lb. can 5, lb.

FOR MINING PURPOSES, lb.

GRANULAR, c. b. 9, lb.

CHEM. PURE, c. b. 9, lb.

HYPOPHOSPHITE, c. b. 9, lb.
c. v. 4, oz.

IODIDE, CRYST. or GRAN., bulk, lb.
1 lb. bott. incl., lb.
c. v. 4, oz.

iodo-HYDRARG, g. s. v. 7, oz.

NITRATE, REFINED, CRYSTALS, lb.

GRANULAR, lb.

OXALATE, NEUTRAL, c. b. 9, lb.

PERMANGANATE, CRYSTALS, c. b. 9, lb.
c. v. 4, oz.

SMALL CRYST., c. b. 9, lb.

Powers and Weightman

POTASSIUM, PHOSPHATE, c. b. 9, lb.

c. v. 4, oz.

SALICYLATE, c. v. 4, oz.

SULPHATE, CRYSTALS, c. b. 8, lb.

in barrels, lb.

POWDERED, c. b. 8, lb.

in barrels, lb.

SULPHITE, c. b. 9, lb.

SULPHOCARBOLATE, c. v. 4, oz.

SULPHIDE, (LIVER SULPHUR), (SULPHUR-
ATED POTASSA), c. b. 9, lb.

TARTRATE, (SOLUBLE TARTAR), c. b. 9, lb.

PROPYLAMINE, PURE, LIQUID, g. s. v. incl., oz.

CHLORIDE, $\frac{1}{8}$ oz. vials, vials incl., oz.

PULVIS ANTIMONIALIS, (ANTIMONIAL POW-
DER), c. b. 9, lb.

QUININE, SULPHATE, 1 oz. vials incl., oz.

Strictly of our own manufacture.

$\frac{1}{2}$ oz., $\frac{1}{4}$ oz., $\frac{1}{8}$ oz. vials incl., oz.

1 oz. cans incl., oz.

5 oz. cans incl., oz.

25 oz. cans incl., oz.

50 oz. cans incl., oz.

100 oz. cans incl., oz.

COMPRESSED TABLETS, 2 grains each,

1 oz. vials incl., oz.

Powers and Weightman

QUININE, PURE, ALKALOID, c. v. 5, oz.

ACETATE, c. v. 5, oz.

ARSENIATE, c. v. 5, oz.

AND UREA, BIMURIATE, c. v. 4, oz.

BIMURIATE, c. v. 5, oz.

BISULPHATE, oz. vials, vials incl., oz.

BORATE, c. v. 5, oz.

CITRATE, c. v. 5, oz.

AND IRON, CITRATE, SOL., c. b. 10, lb.

c. v. 4, oz.

Containing full official quantity of Pure Quinine.

WITH STRYCHNINE, c. v. 4, oz.

FERROCYANIDE, c. v. 4, oz.

HYDROBROMATE, c. v. 5, oz.

HYPOPHOSPHITE, c. v. 5, oz.

IODIDE, c. v. 4, oz.

LACTATE, c. v. 4, oz.

MURIATE, (HYDROCHLORATE), c. v. 5, oz.

PHOSPHATE, c. v. 5, oz.

SALICYLATE, c. v. 5, oz.

TANNATE, c. v. 4, oz.

VALERIANATE, $\frac{1}{8}$ oz. vials, vials incl., oz.

AND IRON, VALERIAN., $\frac{1}{8}$ oz. v. 3, oz.

Powers and Weightman

QUINIDINE, SULPHATE, 1 oz. vials incl., oz.

PURE, CRYSTALS, 1 oz. vials incl., oz.

PRECIPITATED, 1 oz. vials incl., oz.

RED PRECIPITATE, (RED MERCURIC OXIDE),
25 lb. boxes, lb.

RESORCIN, vials incl., oz.

ROCHELLE SALT, POWDERED, 50 lb. boxes, lb.
in barrels, lb.

SEIDLITZ MIXTURE, 50 lb. boxes, lb.
in barrels, lb.

SAL ACETOSELLA, lb.

PRUNELLE, BALLS, c. b. 9, lb.

TARTAR, c. b. 9, lb.

SALICIN, vials incl., oz.
c. b. 10, lb.

SANTONIN, c. b. 9, lb.
c. v. 4, oz.

POWDERED, lb.

SILVER BROMIDE, c. v. 4, oz.

CHLORIDE, c. v. 4, oz.

CYANIDE, c. v. 4, oz.

IODIDE, c. v. 4, oz.

NITRATE, CRYSTALS, 1 and 2 oz. v. 3, oz.
3 and 4 oz. v. 4, oz.
1 lb. b. 6, 8 oz. v. 5, oz.

Powers and Weightman

SILVER, NITRATE, MOULDED, } See Lunar
DILUTED, } Caustic

Please specify crystals or Lunar Caustic, in ordering.
When Nitrate Silver is ordered we send crystals.

OXIDE, c. v. 4, oz.

SULPHATE, c. v. 4, oz.

SODA, CAUSTIC, BY LIME, c. b. 9, lb.

CHLORINATED SOLUTION OF, (LIQUID
CHLORIDE OF SODA), qt. b. 8, gal.
in g. s. botts., botts. and box incl., doz.
in corked botts, botts. and box incl., doz.

SULPHURATED, FUSED, c. b. 9, lb.

SODIUM, $\frac{1}{4}$ oz. vials, g. s. v. and case 10, oz.
lb. cans, lb.

ACETATE, CRYST. and GRAN, c. b. 9, lb.

ARSENATE, CRYSTALS, c. v. 4, oz.

COMMERCIAL, c. b. 9, lb.

ARSENITE, c. v. 4, oz.

BENZOATE, c. v. 4, oz.

BISULPHITE, c. b. 9, lb.

SOLUTION, g. s. b. 15, lb.

BROMIDE, c. b. 8, lb.

c. v. 4, oz.

CARBONATE, DRIED, PURIF., c. b. 9, lb.

Powers and Weightman

SODIUM, CARB., DRIED, CHEM. PURE, c. b. 9, lb.

CHLORATE, PURE, CRYSTALS and } lb.
GRANULAR, c. b. 9, }
c. v. 4, oz.

CHOLEATE, c. v. 4, oz.

CITRATE, c. b. 9, lb.

HYDROSULPHATE, c. b. 9, lb.

HYPOPHOSPHITE, c. b. 9, lb.
c. v. 4, oz.

HYPOSULPHITE, (in kegs), c. b. 9, lb.

C. P. CRYST. and GRAN., c. b. 9, lb.

IODIDE, c. b. 8, lb.
c. v. 3, oz.

NITRATE, PURIFIED, c. b. 9, lb.

CHEM. PURE, c. b. 9, lb.

OXALATE, c. b. 9, lb.

PHOSPHATE, CRYSTALS, c. b. 9, lb.

RECRYSTALLIZED, c. b. 9, lb.
Please specify crystals or recrystallized, in ordering.

GRANULATED, c. b. 9, lb.

DRIED, POWDERED, c. b. 9, lb.

DRIED, GRANULAR, c. b. 9, lb.

AMMONIO, (MICROCOSMIC } lb.
SALT), c. b. 9, }

Powers and Weightman

SODIUM, PYROPHOSPHATE, c. b. 9, lb.

c. v. 4, oz.

SALICYLATE, c. b. 10, lb.

c. v. 4, oz.

SANTONINATE, c. v. 4, oz.

SULPHATE, CHEM. PURE, CRYSTALS } lb.
and GRANULAR, c. b. 9, }

SULPHITE, CRYSTALS, c. b. 9, lb.

DRIED, POWDERED, c. b. 9, lb.

Unless otherwise specified, we send crystals.

SULPHOCARBOLATE, c. v. 4, oz.

SULPHOVINATE, c. v. 4, oz.

TARTRATE, c. b. 9, lb.

TUNGSTATE, PURE, c. v. 4, oz.

SPIRIT AMMONIA, c. b. 9, g. s. 15, lb.

Unless otherwise ordered, will send in g. s. bottles.

AROMATIC, c. b. 9, lb.

LAVENDER, c. b. 9, lb.

NITROUS ETHER, U. S. P., c. b. 9, g. s. 15, lb.

NUTMEG, c. b. 9, lb.

PIMENTA, c. b. 9, lb.

ROSEMARY, c. b. 9, lb.

Powers and Weightman

STRONTIUM, BROMIDE, CRYSTALS, c. b. 9, lb.
c. v. 4, oz.

CARBONATE, c. b. 9, lb.

MURIATE, c. b. 9, lb.

NITRATE, c. b. 8, lb.

OXALATE, c. b. 9, lb.

STRYCHNINE, POWDERED, $\frac{1}{8}$ oz. vials, vials
incl., oz.

CRYSTALS, $\frac{1}{8}$ oz. vials, vials incl., oz.
Please specify crystals or powder in ordering.

ACETATE, $\frac{1}{8}$ oz. vials, vials incl., oz.

ARSENIATE, $\frac{1}{8}$ oz. vials, vials incl., oz.

BROMIDE, $\frac{1}{8}$ oz. vials, vials incl., oz.

CITRATE, $\frac{1}{8}$ oz. vials, vials incl., oz.

WITH IRON, c. v. 4, oz.

HYPOPHOSPH., $\frac{1}{8}$ oz. vials, vials incl., oz.

MURIATE, $\frac{1}{8}$ oz. vials, vials incl., oz.

NITRATE, $\frac{1}{8}$ oz. vials, vials incl., oz.

PHOSPHATE, $\frac{1}{8}$ oz. vials, vials incl., oz.

SULPHATE, $\frac{1}{8}$ oz. vials, vials incl., oz.

POWDERED, $\frac{1}{8}$ oz. vials, vials incl., oz.

VALERIANATE, $\frac{1}{8}$ oz. vials, vials incl., oz.

SUGAR OF LEAD, WHITE, COMMERCIAL, lb.

Powers and Weightman

SULPHUR, PRECIPITATED, PURE, c. b. 12, lb.

IODIDE, g. s. v. 7, oz.

TARTAR EMETIC, POWDERED, c. b. 9, lb.

CRYSTALS, c. b. 9, lb.

THEINE, $\frac{1}{8}$ oz. vials, vials incl., oz.

THYMOL, c. v. 4, oz.

TIN, MURIATE, CRYSTALS, c. b. 8, lb.

SOLUTION, (in carb'y), g. s. b. 14, lb.

Please specify crystals or solution, in ordering.
When Muriate Tin is ordered we send solution.

URANIUM, CHLORIDE, g. s. v. 7, oz.

NITRATE, g. s. v. 7, oz.

OXIDE, c. v. 3, oz.

VERATRINE, $\frac{1}{8}$ oz. vials, vials incl., oz.

SULPHATE, $\frac{1}{8}$ oz. vials, vials incl., oz.

WHITE PRECIPITATE, (AMMONIATED MERCURY), c. b. 9, lb.

WOOD NAPHTHA, (PYROXYLIC SPT.) c. b. 9, lb.

ZINC, ACETATE, c. b. 15, lb.

BROMIDE, g. s. v. 7, oz.

CARBONATE, PRECIP., c. b. 12, lb.

CHLORIDE, GRANULAR, g. s. v. 7, oz.

FUSED, g. s. v. 7, oz.

SOLUTION, Medicinal, g. s. b. 14, lb.

Commercial, lb.

Powers and Weightman

ZINC, CYANIDE, c. v. 4, oz.

FERROCYANIDE, c. v. 4, oz.

IODIDE, g. s. v. 7, oz.

LACTATE, c. v. 4, oz.

OXIDE, (TRUE), c. b. 9, lb.

U. S. P., c. b. 9, lb.

PHOSPHATE, c. b. 10, lb.

c. v. 4, oz.

PHOSPHIDE, oz. g. s. v. and case 10, oz.

SALICYLATE, c. v. 4, oz.

SULPHATE, CRYSTALS, c. b. 9, lb.
in barrels, lb.

CHEM. PURE, c. b. 9, lb.

SULPHIDE, HYDRATED, c. v. 4, oz.

SULPHOCARBOLATE, c. v. 4, oz.

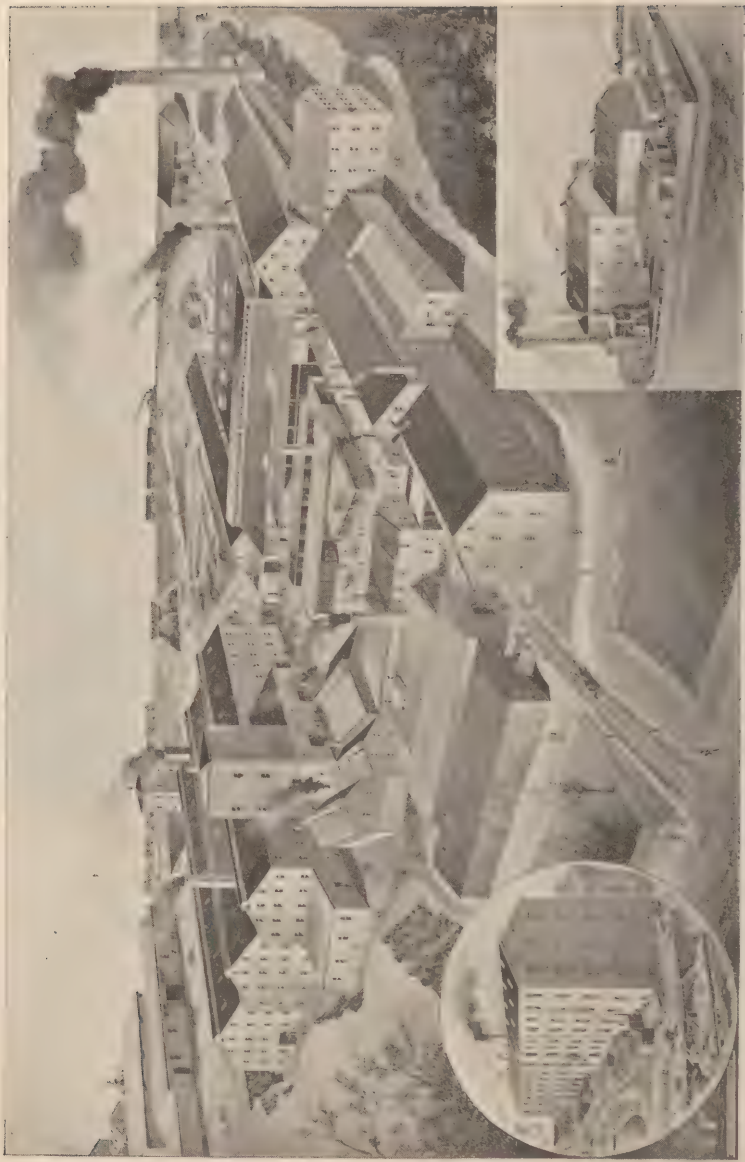
TANNATE, c. v. 4, oz.

VALERIANATE, c. v. 5, oz.

$\frac{1}{4}$ and $\frac{1}{8}$ oz. c. v. 3, oz.



Powers and Weightman



LABORATORIES AT EAST FALLS OF SCHUYLKILL, PHILADELPHIA.

Appendix

Powers and Weightman

APPENDIX

From
The World's Fair Letter
TO THE PHARMACEUTICAL ERA
August 15, 1893

POWERS & WEIGHTMAN, PHILADELPHIA

By way of satisfying that inquiring interest which is sure to be aroused within the mind of the critical investigator of chemical proclivities who visits the World's Fair with nicely adjusted balances of comparison, attention is directed to the exhibit of Powers & Weightman, Manufacturing Chemists, of Philadelphia, situated in the Drug Section, in the northeast corner of Manufactures Building. The exhibit has been installed in a finely carved wall case of mahogany, about 15 feet high, and its comprehensiveness is indicated by the 78 large glass jars shown therein, containing, with the exception of a few specimens of crude products, as many samples of the firm's chemical manufactures. These exceptions have a value for the student who is interested in the genesis of many of our familiar combinations, and the display of one of the firm's specialties—that of the cinchona products—is quite striking in effect, as is shown by an exhibition of the barks, crude and powdered, and the following combinations of their alkaloids: Cinchonine sulphate, quinidine sulphate, cinchonidine sulphate and

Powers and Weightman

salicylate, quinine pure and quinine sulphate, bisulphate, salicylate, ferrocyanide, bromide, valerianate, muriate, phosphate, tannate, and quinine with citrate of iron. The same effect is noted in the display of opium, some very large crystals of morphine sulphate being especially worthy of mention, as are also the crystals of citric acid and fine specimens of gallic, tannic and chromic acids.

The history of this firm is the history of the growth of chemical manufacture in America. Commencing in a small way in the year 1818, the firm of Farr & Kunzi was continued until 1836, when Mr. Kunzi retired and Mr. John Farr associated with him Thomas H. Powers, and his own nephew, William Weightman, under the firm-name of Farr, Powers & Weightman. After the decease of Mr. Farr, in 1847, the firm became Powers & Weightman, and it so remains to-day, Mr. William Weightman being the senior of the firm. Its great business has been reared by legitimate enterprise and its reputation made solely by the excellence of its products and a business code embodying the strictest integrity.

In the number and excellence of the different chemicals prepared at its works at Ninth and Parrish Streets, and the other great establishment at Falls of Schuylkill, it equals any similar concern in America, and is not surpassed by any in the world. They comprise the *Alkaloids of Cinchona Barks*: as quinine, quinidine, cinchonidine, and their salts; *Morphine and Codeine*, and their salts; *Mercurial Preparations*, including calomel, corrosive sublimate, red precipitate, white precipitate; *Strychnine*, and all salts of strychnine, including sulphate; *Acids*, such as muriatic, nitric, sulphuric, citric, tartaric; *Alum*, *Epsom Salt*, *Blue Vitriol*, *Copperas*; preparations of *Bromine*, as bromide

Powers and Weightman

potassium, bromide ammonium, bromide sodium; preparations of *Iodine*, as iodoform, iodide potassium, iodide ammonium, iodide sodium; preparations of *Bismuth*, as subnitrate, subcarbonate, oxychloride; *Ethers*, as sulphuric, chloric, acetic, butyric; *Silver Nitrate, Crystals*; and, as our readers probably know, a very comprehensive assortment of chemicals, medicinal and for the arts and manufactures.

Mr. Farr was among the first to manufacture sulphate of quinine in the United States, and it is a curious fact that he was devoting his attention to the bark alkaloids and pursuing his investigations about the time that the discovery of quinine, by Pelletier, in France, was announced to the world. In 1874 the manufacture of citric acid was commenced by this firm, and in 1875 the Elliott Cresson gold medal was awarded them by the Franklin Institute "for the introduction of an industry new in the United States and perfection of result in the product obtained in the manufacture of citric acid." The same medal (which is but rarely conferred) was also awarded them "for the ingenuity and skill shown in the manufacture and for the perfection of workmanship displayed in the production of the cheaper alkaloids of cinchona barks." It was entirely due to the efforts of this house that sulphate of cinchonidine became so favorably known and so largely employed as an efficient substitute for quinine at a time when the high price of the latter largely restricted its use.

In April, 1865, an office was established in New York, the present location of which is No. 56 Maiden Lane. At the Falls of Schuylkill the firm owns about seventy acres, ten or twelve of which are occupied by the laboratory buildings. The measurement of the city

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laboratory is about 190 by 360 feet. The latter has in proximity three store-houses, the largest one measuring about 110 feet square. The aggregate of employés is about six hundred, of whom one hundred and twenty-five are females. Gathered around this great establishment, in all its departments, are capable men (many of whom entered as youths, and some have grown gray in the service) who have been trained in an atmosphere of correct business principles and are devoted to its interests. The firm has been just and true in its dealings with all, not because it was politic, but because it was right; its personal benefactions have never been dimmed by the shadow of a commercial spirit, and its relations with the entire drug trade of the country have always been marked by mutual kindness and good-will.

The exhibit made at the Columbian Exposition is not entered for competition, but is simply a transfer from its store-rooms of some of the leading productions of the house, without any especial selection, and just as they are being shipped daily. No effort has been made at elaboration or display, but purity and excellence is the standard upon which their claims to merit are based.

QV P888c 1893

